

**WEST****Freeform Search****Database:**

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Derwent World Patents Index  
IBM Technical Disclosure Bulletins

**Term:**

17 and (chain\$ or contiguous or continuous\$)

**Display:****Documents in Display Format:****Starting with Number****Generate:** ☐ Hit List ☒ Hit Count ☐ Image**Search History****Today's Date:** 11/13/2001

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	17 and (chain\$ or contiguous or continuous\$)	20	<u>L8</u>
USPT	16 and variable	27	<u>L7</u>
USPT	15 and pointer	30	<u>L6</u>
USPT	14 and root	32	<u>L5</u>
USPT	13 and stack	106	<u>L4</u>
USPT	12 and (data adj structure)	201	<u>L3</u>
USPT	11 and object	441	<u>L2</u>
USPT	Java adj virtual adj machine	495	<u>L1</u>

**WEST**[Generate Collection](#)**Search Results - Record(s) 1 through 20 of 27 returned.**☐ 1. Document ID: US 6317872 B1

L7: Entry 1 of 27

File: USPT

Nov 13, 2001

US-PAT-NO: 6317872

DOCUMENT-IDENTIFIER: US 6317872 B1

TITLE: Real time processor optimized for executing JAVA programs

DATE-ISSUED: November 13, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gee; John K.	Mt. Vernon	IA		
Greve; David A.	Cedar Rapids	IA		
Hardin; David S.	Cedar Rapids	IA		
Kamin; Raymond A.	Marion	IA		
Hiratzka; T. Douglas	Coralville	IA		
Mass; Allen P.	Lisbon	IA		
Masters; Michael H.	Cedar Rapids	IA		
Mykris; Nick M.	Cedar Rapids	IA		

US-CL-CURRENT: 717/7; 707/206, 711/206, 712/202, 712/209, 717/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☐ 2. Document ID: US 6314558 B1

L7: Entry 2 of 27

File: USPT

Nov 6, 2001

US-PAT-NO: 6314558  
DOCUMENT-IDENTIFIER: US 6314558 B1

TITLE: Byte code instrumentation

DATE-ISSUED: November 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Angel; David J.	Hudson	NH		
Kumorek; James R.	Nashua	NH		
Morshed; Farokh	Amherst	NH		
Seidel; David A.	Peterborough	NH		

US-CL-CURRENT: 717/4; 714/35

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: US 6308319 B1

L7: Entry 3 of 27 File: USPT Oct 23, 2001

US-PAT-NO: 6308319  
DOCUMENT-IDENTIFIER: US 6308319 B1

TITLE: Thread suspension system and method using trapping instructions in delay slots

DATE-ISSUED: October 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bush; William	San Mateo	CA		
Wolczko; Mario	San Carlos	CA		

US-CL-CURRENT: 717/5; 707/206, 709/108, 710/260, 711/132, 717/4

Full	Title	Citation	Front	Review	Classification	Date	Reference	KWIC	Draw Desc	Image
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☐ 4. Document ID: US 6289382 B1

L7: Entry 4 of 27 File: USPT Sep 11, 2001

US-PAT-NO: 6289382  
DOCUMENT-IDENTIFIER: US 6289382 B1

TITLE: System, method and article of manufacture for a globally addressable interface in a communication services patterns environment

DATE-ISSUED: September 11, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO			

US-CL-CURRENT: 709/226

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KMIC	Draw Desc	Image
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☐ 5. Document ID: US 6289012 B1

L7: Entry 5 of 27 File: USPT Sep 11, 2001

US-PAT-NO: 6289012  
DOCUMENT-IDENTIFIER: US 6289012 B1

TITLE: High concurrency data download apparatus and method

DATE-ISSUED: September 11, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Harrington; Robert J.	Austin	TX			
Hlista; Bradley J.	Austin	TX			
Wiley; Charles A.	Austin	TX			

US-CL-CURRENT: 370/389; 370/473

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KMIC	Draw Desc	Image
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☐ 6. Document ID: US 6272537 B1

L7: Entry 6 of 27 File: USPT Aug 7, 2001

US-PAT-NO: 6272537

DOCUMENT-IDENTIFIER: US 6272537 B1

TITLE: Method for building element manager for a computer network element using a visual element manager builder process

DATE-ISSUED: August 7, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kekic; Miodrag M.	Mountain View	CA		
Lu; Grace N.	Milpitas	CA		
Carlton; Eloise H.	San Carlos	CA		

US-CL-CURRENT: 709/223; 709/203, 709/219, 709/329

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw. Desc	Image
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☐ 7. Document ID: US 6253215 B1

L7: Entry 7 of 27

File: USPT

Jun 26, 2001

US-PAT-NO: 6253215

DOCUMENT-IDENTIFIER: US 6253215 B1

TITLE: Method, apparatus, and article of manufacture for facilitating resource management for applications having two types of program code

DATE-ISSUED: June 26, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Agesen; Ole	Franklin	MA		
Detlefs; David L.	Westford	MA		
White; Derek R.	Reading	MA		

US-CL-CURRENT: 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw. Desc	Image
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☐ 8. Document ID: US 6249793 B1

L7: Entry 8 of 27

File: USPT

Jun 19, 2001

US-PAT-NO: 6249793

DOCUMENT-IDENTIFIER: US 6249793 B1

TITLE: Mostly concurrent compaction in a garbage collection system

DATE-ISSUED: June 19, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Printezis; Antonios	Glasgow			GBX
Detlefs; David L.	Westford	MA		

US-CL-CURRENT: 707/206; 707/205

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 9. Document ID: US 6247027 B1

L7: Entry 9 of 27

File: USPT

Jun 12, 2001

US-PAT-NO: 6247027

DOCUMENT-IDENTIFIER: US 6247027 B1

TITLE: Facilitating garbage collection during object versioning for space and time dimensional computing

DATE-ISSUED: June 12, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chaudhry; Shailender	San Francisco	CA		
Tremblay; Marc	Menlo Park	CA		

US-CL-CURRENT: 707/206; 707/100, 707/203, 717/11

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 10. Document ID: US 6192517 B1

L7: Entry 10 of 27

File: USPT

Feb 20, 2001

US-PAT-NO: 6192517

DOCUMENT-IDENTIFIER: US 6192517 B1

TITLE: Method, apparatus, and product for improved garbage collection in a memory system through the removal of reference conflicts

DATE-ISSUED: February 20, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Agesen; Ole	Franklin	MA		
Detlefs; David L.	Westford	MA		

US-CL-CURRENT: 717/9

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 11. Document ID: US 6167535 A

L7: Entry 11 of 27

File: USPT

Dec 26, 2000

US-PAT-NO: 6167535

DOCUMENT-IDENTIFIER: US 6167535 A

TITLE: Object heap analysis techniques for discovering memory leaks and other run-time information

DATE-ISSUED: December 26, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Foote; William F.	Cupertino	CA		
Nisewanger; Jeffrey D.	San Jose	CA		

US-CL-CURRENT: 714/38; 717/4

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 12. Document ID: US 6149318 A

L7: Entry 12 of 27

File: USPT

Nov 21, 2000

US-PAT-NO: 6149318

DOCUMENT-IDENTIFIER: US 6149318 A

TITLE: Link-time and run-time error detection, and program instrumentation

DATE-ISSUED: November 21, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chase; David R.	Belmont	MA		
Kendall; Samuel C.	Cambridge	MA	02139	
Mitchell; Mark Patrick	Atherton	CA		

US-CL-CURRENT: 717/4; 717/8

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 13. Document ID: US 6098089 A

L7: Entry 13 of 27

File: USPT

Aug 1, 2000

US-PAT-NO: 6098089

DOCUMENT-IDENTIFIER: US 6098089 A

TITLE: Generation isolation system and method for garbage collection

DATE-ISSUED: August 1, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Connor; James Michael	Mountain View	CA		
Tremblay; Marc	Palo Alto	CA		
Vishin; Sanjay	Sunnyvale	CA		

US-CL-CURRENT: 709/104; 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 14. Document ID: US 6098080 A

L7: Entry 14 of 27

File: USPT

Aug 1, 2000



US-PAT-NO: 6098080

DOCUMENT-IDENTIFIER: US 6098080 A

TITLE: Computer system, program product and method of  
collecting interned data with a mark sweep collector

DATE-ISSUED: August 1, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Endicott; John Clarence	Rochester	MN		
Kolodner; Elliot Karl	Haifa			ILX
Peterson; Jon Howard	Rochester	MN		
Seemann; Robert Carl	Rochester	MN		

US-CL-CURRENT: 707/206; 707/103R, 707/205

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 15. Document ID: US 6081665 A

L7: Entry 15 of 27

File: USPT

Jun 27, 2000

US-PAT-NO: 6081665

DOCUMENT-IDENTIFIER: US 6081665 A

TITLE: Method for efficient soft real-time execution of  
portable byte code computer programs

DATE-ISSUED: June 27, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nilsen; Kelvin D.	Ames	IA		
Mitra; Simanta	Ames	IA		
Lee; Steven J.	Slater	IA		

US-CL-CURRENT: 717/5; 717/4, 717/6

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 16. Document ID: US 6047295 A

L7: Entry 16 of 27

File: USPT

Apr 4, 2000

US-PAT-NO: 6047295

DOCUMENT-IDENTIFIER: US 6047295 A

TITLE: Computer system, program product and method of managing weak references with a concurrent mark sweep collector

DATE-ISSUED: April 4, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Endicott; John Clarence	Rochester	MN		
Hicks; Daniel Rodman	Byron	MN		
Kolodner; Elliot Karl	Haifa			ILX
Seemann; Robert Carl	Rochester	MN		

US-CL-CURRENT: 707/206; 707/205, 707/8

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 17. Document ID: US 6047125 A

L7: Entry 17 of 27

File: USPT

Apr 4, 2000

US-PAT-NO: 6047125

DOCUMENT-IDENTIFIER: US 6047125 A

TITLE: Garbage collection system for improved use of memory by removal of reference conflicts

DATE-ISSUED: April 4, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Agesen; Ole	Franklin	MA		
Detlefs; David L.	Westford	MA		

US-CL-CURRENT: 717/9; 707/201, 707/206, 709/100, 709/106, 709/315, 711/100, 711/103, 711/165, 711/206, 712/216

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 18. Document ID: US 5999179 A

L7: Entry 18 of 27

File: USPT

Dec 7, 1999

US-PAT-NO: 5999179

DOCUMENT-IDENTIFIER: US 5999179 A

TITLE: Platform independent computer network management client

DATE-ISSUED: December 7, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kekic; Miodrag M.	Mountain View	CA		
Lu; Grace N.	Milpitas	CA		
Carlton; Eloise H.	San Carlos	CA		

US-CL-CURRENT: 345/734; 345/969, 345/970

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 19. Document ID: US 5978585 A

L7: Entry 19 of 27

File: USPT

Nov 2, 1999

US-PAT-NO: 5978585

DOCUMENT-IDENTIFIER: US 5978585 A

TITLE: Development system with improved methods for recompiling dependent code modules

DATE-ISSUED: November 2, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Crelier; Regis	Santa Cruz	CA		

US-CL-CURRENT: 717/5

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 20. Document ID: US 5953736 A

L7: Entry 20 of 27

File: USPT

Sep 14, 1999

US-PAT-NO: 5953736

DOCUMENT-IDENTIFIER: US 5953736 A

TITLE: Write barrier system and method including  
pointer-specific instruction variant replacement mechanism

DATE-ISSUED: September 14, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
O'Connor; James Michael	Mountain View	CA			
Tremblay; Marc	Palo Alto	CA			
Vishin; Sanjay	Sunnyvale	CA			

US-CL-CURRENT: 711/6; 711/165

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KIMC	Draw Desc	Image
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Generate Collection
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Terms	Documents
16 and variable	27

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Documents, starting with Document:

21
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**Display Format:**

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**Term:**

16 and variable

**Display:**

20

**Documents in Display Format:**

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**Starting with Number**

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USPT	16 and variable	27	<u>L7</u>
USPT	15 and pointer	30	<u>L6</u>
USPT	14 and root	32	<u>L5</u>
USPT	13 and stack	106	<u>L4</u>
USPT	12 and (data adj structure)	201	<u>L3</u>
USPT	11 and object	441	<u>L2</u>
USPT	Java adj virtual adj machine	495	<u>L1</u>

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Your wildcard search against 2000 terms has yielded the results below

Search for additional matches among the next 2000 terms

Generate Collection

Search Results - Record(s) 1 through 20 of 20 returned.

☐ 1. Document ID: US 6308319 B1

L8: Entry 1 of 20 File: USPT Oct 23, 2001

US-PAT-NO: 6308319

DOCUMENT-IDENTIFIER: US 6308319 B1

TITLE: Thread suspension system and method using trapping instructions in delay slots

DATE-ISSUED: October 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bush; William	San Mateo	CA		
Wolczko; Mario	San Carlos	CA		

US-CL-CURRENT: 717/5; 707/206, 709/108, 710/260, 711/132, 717/4

Full Title Citation Front Review Classification Date Reference

KMIC Draw Desc Image

☐ 2. Document ID: US 6289382 B1

L8: Entry 2 of 20 File: USPT Sep 11, 2001

US-PAT-NO: 6289382

DOCUMENT-IDENTIFIER: US 6289382 B1

TITLE: System, method and article of manufacture for a globally addressable interface in a communication services patterns environment

DATE-ISSUED: September 11, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/226

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 3. Document ID: US 6289012 B1

L8: Entry 3 of 20 File: USPT Sep 11, 2001

US-PAT-NO: 6289012

DOCUMENT-IDENTIFIER: US 6289012 B1

TITLE: High concurrency data download apparatus and method

DATE-ISSUED: September 11, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Harrington; Robert J.	Austin	TX		
Hlista; Bradley J.	Austin	TX		
Wiley; Charles A.	Austin	TX		

US-CL-CURRENT: 370/389; 370/473

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 4. Document ID: US 6272537 B1

L8: Entry 4 of 20 File: USPT Aug 7, 2001

US-PAT-NO: 6272537

DOCUMENT-IDENTIFIER: US 6272537 B1

TITLE: Method for building element manager for a computer network element using a visual element manager builder process

DATE-ISSUED: August 7, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kekic; Miodrag M.	Mountain View	CA		
Lu; Grace N.	Milpitas	CA		
Carlton; Eloise H.	San Carlos	CA		

US-CL-CURRENT: 709/223; 709/203, 709/219, 709/329

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 5. Document ID: US 6253215 B1

L8: Entry 5 of 20

File: USPT

Jun 26, 2001

US-PAT-NO: 6253215

DOCUMENT-IDENTIFIER: US 6253215 B1

TITLE: Method, apparatus, and article of manufacture for  
facilitating resource management for applications having two  
types of program code

DATE-ISSUED: June 26, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Agesen; Ole	Franklin	MA		
Detlefs; David L.	Westford	MA		
White; Derek R.	Reading	MA		

US-CL-CURRENT: 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 6. Document ID: US 6192517 B1

L8: Entry 6 of 20

File: USPT

Feb 20, 2001

US-PAT-NO: 6192517

DOCUMENT-IDENTIFIER: US 6192517 B1

TITLE: Method, apparatus, and product for improved garbage  
collection in a memory system through the removal of reference  
conflicts

DATE-ISSUED: February 20, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Agesen; Ole	Franklin	MA		
Detlefs; David L.	Westford	MA		

US-CL-CURRENT: 717/2

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 7. Document ID: US 6167535 A

L8: Entry 7 of 20

File: USPT

Dec 26, 2000



US-PAT-NO: 6167535

DOCUMENT-IDENTIFIER: US 6167535 A

TITLE: Object heap analysis techniques for discovering memory leaks and other run-time information

DATE-ISSUED: December 26, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Foote; William F.	Cupertino	CA		
Nisewanger; Jeffrey D.	San Jose	CA		

US-CL-CURRENT: 714/38; 717/4

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 8. Document ID: US 6098089 A

L8: Entry 8 of 20

File: USPT

Aug 1, 2000

US-PAT-NO: 6098089

DOCUMENT-IDENTIFIER: US 6098089 A

TITLE: Generation isolation system and method for garbage collection

DATE-ISSUED: August 1, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Connor; James Michael	Mountain View	CA		
Tremblay; Marc	Palo Alto	CA		
Vishin; Sanjay	Sunnyvale	CA		

US-CL-CURRENT: 709/104; 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 9. Document ID: US 6098080 A

L8: Entry 9 of 20

File: USPT

Aug 1, 2000

US-PAT-NO: 6098080

DOCUMENT-IDENTIFIER: US 6098080 A

TITLE: Computer system, program product and method of  
collecting interned data with a mark sweep collector

DATE-ISSUED: August 1, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Endicott; John Clarence	Rochester	MN		
Kolodner; Elliot Karl	Haifa			ILX
Peterson; Jon Howard	Rochester	MN		
Seemann; Robert Carl	Rochester	MN		

US-CL-CURRENT: 707/206; 707/103R, 707/205

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 10. Document ID: US 6081665 A

L8: Entry 10 of 20

File: USPT

Jun 27, 2000

US-PAT-NO: 6081665

DOCUMENT-IDENTIFIER: US 6081665 A

TITLE: Method for efficient soft real-time execution of  
portable byte code computer programs

DATE-ISSUED: June 27, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nilsen; Kelvin D.	Ames	IA		
Mitra; Simanta	Ames	IA		
Lee; Steven J.	Slater	IA		

US-CL-CURRENT: 717/5; 717/4, 717/6

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 11. Document ID: US 6047295 A

L8: Entry 11 of 20

File: USPT

Apr 4, 2000

US-PAT-NO: 6047295

DOC

**WEST**TITLE: Computer system, program product and method of managing  
weak references with a concurrent mark sweep collector

Your wildcard search against 2000 terms has yielded the results below

DATE-ISSUED: April 4, 2000  
Search for additional matches among the next 2000 terms

## INVENTOR- INFORMATION:

NAME

Generate Collection

CITY

STATE ZIP CODE COUNTRY

Endicott; John Clarence Rochester MN

Hicks; Daniel Rodman Byron MN

Kolodner; Elliot Karl Haifa ILX

Seemann; Robert Carl Rochester MN

Search Results Record(s) 1 through 20 of 20 returned.

1 Document ID: US 6308319 B1

US-CL-CURRENT: 707/206; 707/205, 707/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	RWC	Draw Desc	Image
TITLE: Inread suspension system and method using trapping instructions in delay slots										

DATE-ISSUED: October 23, 2001

12. Document ID: US 6047125 A

## INVENTOR- INFORMATION:

File: USPT

Apr 4, 2000

NAME CITY STATE ZIP CODE COUNTRY

US-PAT-NO: 6047125 CITY STATE ZIP CODE COUNTRY

DOCUMENT IDENTIFIER: US 6047125 ACA

Wolczko; Mario San Carlos CA

TITLE: Garbage collection system for improved use of memory by

removal of reference conflicts

US-CL-CURRENT: 717/5; 707/206, 709/108, 710/260, 711/132, 717/4

DATE-ISSUED: April 4, 2000

## INVENTOR- INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Agesen; Ole Franklin MA

Dettlers; David L. Westford MA

L8: Entry 2 of 20 File: USPT Sep 11, 2001

US-CL-CURRENT: 717/2; 707/201, 707/206, 709/100, 709/106,

709/215, 711/100, 711/102, 711/165, 711/206, 712/216

DOCUMENT IDENTIFIER: US 6289382 B1

R: US 6

Full	Title	Citation	Front	Review	Classification	Date	Reference	RWC	Draw Desc	Image
TITLE: System method and article of manufacture for a globally addressable interface in a communication services patterns environment										

DATE-ISSUED: September 11, 2001

## INVENTOR- INFORMATION:

File: USPT

Dec 7, 1999

NAME CITY STATE ZIP CODE COUNTRY

Bowman-Amuah; Michel K. Colorado Springs CO

US-CL-CURRENT: 709/226

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWC	Draw Desc	Image
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☐ 3. Document ID: US 6289012 B1

L8: Entry 3 of 20 File: USPT Sep 11, 2001

US-PAT-NO: 6289012

DOCUMENT-IDENTIFIER: US 6289012 B1

TITLE: High concurrency data download apparatus and method

DATE-ISSUED: September 11, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Harrington; Robert J.	Austin	TX		
Hlista; Bradley J.	Austin	TX		
Wiley; Charles A.	Austin	TX		

US-CL-CURRENT: 370/389; 370/473

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Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWC	Draw Desc	Image
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☐ 4. Document ID: US 6272537 B1

L8: Entry 4 of 20 File: USPT Aug 7, 2001

US-PAT-NO: 6272537

DOCUMENT-IDENTIFIER: US 6272537 B1

TITLE: Method for building element manager for a computer network element using a visual element manager builder process

DATE-ISSUED: August 7, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kekic; Miodrag M.	Mountain View	CA		
Lu; Grace N.	Milpitas	CA		
Carlton; Eloise H.	San Carlos	CA		

US-CL-CURRENT: 709/223; 709/203, 709/219, 709/329

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Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWC	Draw Desc	Image
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☐ 5. Document ID: US 6253215 B1

L8: Entry 5 of 20

File: USPT

Jun 26, 2001

US-PAT-NO: 6253215

DOCUMENT-IDENTIFIER: US 6253215 B1

TITLE: Method, apparatus, and article of manufacture for  
facilitating resource management for applications having two  
types of program code

DATE-ISSUED: June 26, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Agesen; Ole	Franklin	MA		
Detlefs; David L.	Westford	MA		
White; Derek R.	Reading	MA		

US-CL-CURRENT: 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 6. Document ID: US 6192517 B1

L8: Entry 6 of 20

File: USPT

Feb 20, 2001

US-PAT-NO: 6192517

DOCUMENT-IDENTIFIER: US 6192517 B1

TITLE: Method, apparatus, and product for improved garbage  
collection in a memory system through the removal of reference  
conflicts

DATE-ISSUED: February 20, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Agesen; Ole	Franklin	MA		
Detlefs; David L.	Westford	MA		

US-CL-CURRENT: 717/9

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 7. Document ID: US 6167535 A

L8: Entry 7 of 20

File: USPT

Dec 26, 2000

US-PAT-NO: 6167535

DOCUMENT-IDENTIFIER: US 6167535 A

TITLE: Object heap analysis techniques for discovering memory leaks and other run-time information

DATE-ISSUED: December 26, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Foote; William F.	Cupertino	CA		
Nisewanger; Jeffrey D.	San Jose	CA		

US-CL-CURRENT: 714/38; 717/4

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 8. Document ID: US 6098089 A

L8: Entry 8 of 20

File: USPT

Aug 1, 2000

US-PAT-NO: 6098089

DOCUMENT-IDENTIFIER: US 6098089 A

TITLE: Generation isolation system and method for garbage collection

DATE-ISSUED: August 1, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Connor; James Michael	Mountain View	CA		
Tremblay; Marc	Palo Alto	CA		
Vishin; Sanjay	Sunnyvale	CA		

US-CL-CURRENT: 709/104; 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 9. Document ID: US 6098080 A

L8: Entry 9 of 20

File: USPT

Aug 1, 2000

US-PAT-NO: 6098080

DOCUMENT-IDENTIFIER: US 6098080 A

TITLE: Computer system, program product and method of  
collecting interned data with a mark sweep collector

DATE-ISSUED: August 1, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Endicott; John Clarence	Rochester	MN		
Kolodner; Elliot Karl	Haifa			ILX
Peterson; Jon Howard	Rochester	MN		
Seemann; Robert Carl	Rochester	MN		

US-CL-CURRENT: 707/206; 707/103R, 707/205

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWC	Draw Desc	Image
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☐ 10. Document ID: US 6081665 A

L8: Entry 10 of 20

File: USPT

Jun 27, 2000

US-PAT-NO: 6081665

DOCUMENT-IDENTIFIER: US 6081665 A

TITLE: Method for efficient soft real-time execution of  
portable byte code computer programs

DATE-ISSUED: June 27, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nilsen; Kelvin D.	Ames	IA		
Mitra; Simanta	Ames	IA		
Lee; Steven J.	Slater	IA		

US-CL-CURRENT: 717/5; 717/4, 717/6

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWC	Draw Desc	Image
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☐ 11. Document ID: US 6047295 A

L8: Entry 11 of 20

File: USPT

Apr 4, 2000

US-PAT-NO: 6047295

DOCUMENT-IDENTIFIER: US 6047295 A

TITLE: Computer system, program product and method of managing weak references with a concurrent mark sweep collector

DATE-ISSUED: April 4, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Endicott; John Clarence	Rochester	MN		
Hicks; Daniel Rodman	Byron	MN		
Kolodner; Elliot Karl	Haifa			ILX
Seemann; Robert Carl	Rochester	MN		

US-CL-CURRENT: 707/206; 707/205, 707/8

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 12. Document ID: US 6047125 A

L8: Entry 12 of 20

File: USPT

Apr 4, 2000

US-PAT-NO: 6047125

DOCUMENT-IDENTIFIER: US 6047125 A

TITLE: Garbage collection system for improved use of memory by removal of reference conflicts

DATE-ISSUED: April 4, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Agesen; Ole	Franklin	MA		
Detlefs; David L.	Westford	MA		

US-CL-CURRENT: 717/9; 707/201, 707/206, 709/100, 709/106, 709/315, 711/100, 711/103, 711/165, 711/206, 712/216

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 13. Document ID: US 599179 A

L8: Entry 13 of 20

File: USPT

Dec 7, 1999



US-PAT-NO: 5999179

DOCUMENT-IDENTIFIER: US 5999179 A

TITLE: Platform independent computer network management client

DATE-ISSUED: December 7, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kekic; Miodrag M.	Mountain View	CA		
Lu; Grace N.	Milpitas	CA		
Carlton; Eloise H.	San Carlos	CA		

US-CL-CURRENT: 345/734; 345/969, 345/970

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 14. Document ID: US 5953736 A

L8: Entry 14 of 20

File: USPT

Sep 14, 1999

US-PAT-NO: 5953736

DOCUMENT-IDENTIFIER: US 5953736 A

TITLE: Write barrier system and method including  
pointer-specific instruction variant replacement mechanism

DATE-ISSUED: September 14, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Connor; James Michael	Mountain View	CA		
Tremblay; Marc	Palo Alto	CA		
Vishin; Sanjay	Sunnyvale	CA		

US-CL-CURRENT: 711/6; 711/165

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 15. Document ID: US 5892904 A

L8: Entry 15 of 20

File: USPT

Apr 6, 1999

US-PAT-NO: 5892904

DOCUMENT-IDENTIFIER: US 5892904 A

TITLE: Code certification for network transmission

DATE-ISSUED: April 6, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Atkinson; Robert G.	Woodinville	WA		
Price; Robert M.	Seattle	WA		
Contorer; Aaron M.	Kirkland	WA		

US-CL-CURRENT: 713/201; 713/170, 713/187

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw. Desc	Image
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☐ 16. Document ID: US 5873105 A

L8: Entry 16 of 20

File: USPT

Feb 16, 1999

US-PAT-NO: 5873105

DOCUMENT-IDENTIFIER: US 5873105 A

TITLE: Bounded-pause time garbage collection system and method including write barrier associated with a source instance of a partially relocated object

DATE-ISSUED: February 16, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tremblay; Marc	Palo Alto	CA		
O'Connor; James Michael	Union City	CA		
Steele, Jr.; Guy L.	Lexington	MA		
Vishin; Sanjay	Sunnyvale	CA		
Agesen; Ole	Franklin	MA		
Heller; Steven	Chelmsford	MA		
White; Derek R.	Reading	MA		

US-CL-CURRENT: 707/206; 711/165

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw. Desc	Image
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☐ 17. Document ID: US 5873104 A

L8: Entry 17 of 20

File: USPT

Feb 16, 1999

US-PAT-NO: 5873104

DOCUMENT-IDENTIFIER: US 5873104 A

TITLE: Bounded-pause time garbage collection system and method  
including write barrier associated with source and target  
instances of a partially relocated object

DATE-ISSUED: February 16, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tremblay; Marc	Palo Alto	CA		
O'Connor; James Michael	Union City	CA		
Steele, Jr.; Guy L.	Lexington	MA		
Vishin; Sanjay	Sunnyvale	CA		
Agesen; Ole	Franklin	MA		
Heller; Steven	Chelmsford	MA		
White; Derek R.	Reading	MA		

US-CL-CURRENT: 707/206; 711/165

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 18. Document ID: US 5857210 A

L8: Entry 18 of 20

File: USPT

Jan 5, 1999

US-PAT-NO: 5857210

DOCUMENT-IDENTIFIER: US 5857210 A

TITLE: Bounded-pause time garbage collection system and method  
including read and write barriers associated with an instance  
of a partially relocated object

DATE-ISSUED: January 5, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tremblay; Marc	Palo Alto	CA		
O'Connor; James Michael	Union City	CA		
Steele, Jr.; Guy L.	Lexington	MA		
Vishin; Sanjay	Sunnyvale	CA		
Agesen; Ole	Franklin	MA		
Heller; Steven	Chelmsford	MA		
White; Derek R.	Reading	MA		

US-CL-CURRENT: 707/206; 711/165

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 19. Document ID: US 5848423 A

L8: Entry 19 of 20

File: USPT

Dec 8, 1998

US-PAT-NO: 5848423

DOCUMENT-IDENTIFIER: US 5848423 A

TITLE: Garbage collection system and method for locating root  
set pointers in method activation records

DATE-ISSUED: December 8, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ebrahim; Zahir	Mountain View	CA		
Mohamed; Ahmed H.	Berkeley	CA		

US-CL-CURRENT: 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw. Desc	Image
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☐ 20. Document ID: US 5845298 A

L8: Entry 20 of 20

File: USPT

Dec 1, 1998

US-PAT-NO: 5845298

DOCUMENT-IDENTIFIER: US 5845298 A

TITLE: Write barrier system and method for trapping garbage  
collection page boundary crossing pointer stores

DATE-ISSUED: December 1, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Connor; James Michael	Mountain View	CA		
Tremblay; Marc	Palo Alto	CA		
Vishin; Sanjay	Sunnyvale	CA		

US-CL-CURRENT: 707/206; 707/104.1, 709/106, 711/100, 711/103

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw. Desc	Image
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[Generate Collection](#)